

file

ACT/037/027
Wilson - Silverbell

BOND ESTIMATE
32 Acres
UNION CARBIDE'S - WILSON-SILVERBELL MINE
ACT/037/027
12/15/83

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DIVISION OF
OIL, GAS & MINING

A.	Removal of office, shop, compressor building, headframe, etc. (dismantle and bury on site)		
	D-9 cat w/ripper	1½ wks @ \$4105/wk	\$ 6,200
	40-ton Linkbelt HTC 1040	1 wk @ \$3915/wk	3,900
	20-yd ³ end dump truck	2 wks @ \$1470/wk	2,900
	5-yd ³ 980 D cat loader	2 wks @ \$1995/wk	4,000
	Tractor & 25 ton lowboy	60 hrs @ \$55.55/hr	3,300
	Labor	1062 hrs @ \$15/hr	15,900
			<u>\$36,200</u>
B.	Removal of trash and extraneous debris (bury at toe of dumps)		
	20-yd ³ end dump truck	3 days @ \$370/day	1,100
	3½-yd ³ 966 cat loader	3 days @ \$630/day	1,900
	Labor	72 hrs @ \$15/hr	1,100
			<u>\$ 4,100</u>
C.	Foundation elimination, break-up and burial		
	D-9 cat w/ripper	¾ wk @ \$4105/wk	\$ 3,100
	Compressor & Jackhammer	32 hrs @ \$56/hr	1,800
	Labor	32 hrs @ \$15/hr	500
			<u>\$ 5,400</u>
D.	Restocking of unused fuels, oils, etc. (contingency cost)		\$ 500
E.	Pond Area: contouring, excavating pond bottom and dumping down mine shaft, 5.0 acres (based on Hecla Mine cost estimate)	5 acres @ \$1300/acre	\$ 6,500
F.	Contouring dumps, surface plant area, and roads		
	Waste dumps - 11 acres @ \$1800/acre		\$19,800
	Plant area and roads - 16 acres @ \$85/acre		1,400
	(costs based on Hecla Mine estimates)		<u>\$21,200</u>
G.	Topsoil placement and grading on dumps (Hecla costs)	11 acres @ \$1400/acre	\$15,400
H.	Capping of vertical shafts - 14 ea @ \$1200/ea (Hecla costs)		\$16,800
I.	Stabilization, reseeding of ponds, dumps and plant area	all acres - 32 acres @ \$62/acre	\$ 2,000
J.	Monitoring, sampling and necessary testing		\$15,000

WILSON-SILVERBELL MINE

	Sub-Total	\$123,100
K. Contingency, 10%		<u>12,300</u>
	Total	\$135,400

- Conditions:
1. Hourly rates are based on weekly rates because equipment would be used on all phases of reclamation.
 2. Dollar amounts are rounded to the nearest hundred.
 3. All buildings, structures, etc., remaining after cessation of mining activities will have no salvage value and will be buried on site.
 4. Acreage costs are based on Hecla Mine detail costs.
 5. We now feel that 32 acres will be sufficient for this permit and that acreage be used for the final submittal.
 6. Monitoring costs are for vegetation and any augmentation that may be required.
 7. The new stabilization and reseeding costs are based on the conditions of the original permit application and do not reflect either fertilization or mulching. If new information indicates the need for significant changes in the final reseeding techniques, changes will be made at a later date.

8. The contingency amount in item K is being calculated at 10% as required, rather than the 15% rate as in previous estimates.

Prepared by: K. G. Dahlquist
B. A. Green